## SEQUENCE LISTING

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<110> Yu, Xuanchuan
        Xie, Qiongshu
        Abuin, Alejandro
        Walke, D. Wade
  <120> Novel Human Kinases and Polynucleotides Encoding the Same
  <130> LEX-0344-USA
  <150> US. 60/289,727
  <151> 2001-05-09
  <160> 4 .
 <170> FastSEQ for Windows Version 4.0
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Tyr Gly Glu Glu Asn His Ile Phe Glu Leu Met Gln Asn Met Leu Glu
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Gln Leu Leu Ile His Gln Pro Glu Asp Pro Ile Pro Phe Met Ile Gln
                          40
His Leu His Arg Asp Asn Asp Asn Val Pro Arg Ile Val Ile Leu Gly
50 55
Pro Pro Ala Ser Gly Lys Thr Thr Ile Ala Met Trp Leu Cys Lys His
                                      75
Leu Asn Ser Ser Leu Leu Thr Leu Glu Asn Leu Ile Leu Asn Glu Phe
                                  90
Ser Tyr Thr Ala Thr Glu Ala Arg Arg Leu Tyr Leu Gln Arg Lys Thr
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Val Pro Ser Ala Leu Leu Val Gln Leu Ile Gln Glu Arg Leu Ala Glu
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Glu Asp Cys Ile Lys Gln Gly Trp Ile Leu Asp Gly Ile Pro Glu Thr
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Arg Glu Gln Ala Leu Arg Ile Gln Thr Leu Gly Ile Thr Pro Arg His
                                      155
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Val Ile Val Leu Ser Ala Pro Asp Thr Val Leu Ile Glu Arg Asn Leu
                                  170
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Gly Lys Arg Ile Asp Pro Gln Thr Gly Glu Ile Tyr His Thr Thr Phe
                              185
           180
Asp Trp Pro Pro Glu Ser Glu Ile Gln Asn Arg Leu Met Val Pro Glu
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                           200
Asp Ile Ser Glu Leu Glu Thr Ala Gln Lys Leu Leu Glu Tyr His Arg
                       215 220
         Asn Ile Val Arg Val Ile Pro Ser Tyr Pro Lys Ile Leu Lys Val Ile
                                      235
                  230
Ser Ala Asp Gln Pro Cys Val Asp Val Phe Tyr Gln Ala Leu Thr Tyr
                                  250
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Val Gln Ser Asn His Arg Thr Asn Ala Pro Phe Thr Pro Arg Val Leu
                              265
           260
Leu Leu Gly Pro Val Gly Ser Gly Lys Ser Leu Gln Ala Ala Leu Leu
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Ala Gln Lys Tyr Arg Leu Val Asn Val Cys Cys Gly Gln Leu Leu Lys
                                          300
                       295
Glu Ala Val Ala Asp Arg Thr Thr Phe Gly Glu Leu Ile Gln Pro Phe
                                      315
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Phe Glu Lys Glu Met Ala Val Pro Asp Ser Leu Leu Met Lys Val Leu
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Ser Gln Arg Leu Asp Gln Gln Asp Cys Ile Gln Lys Gly Trp Val Leu
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His Gly Val Pro Arg Asp Leu Asp Gln Ala His Leu Leu Asn Arg Leu
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Gly Tyr Asn Pro Asn Arg Val Phe Phe Leu Asn Val Pro Phe Asp Ser
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                       375
Ile Met Glu Arg Leu Thr Leu Arg Arg Ile Asp Pro Val Thr Gly Glu
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Arg Tyr His Leu Met Tyr Lys Pro Pro Pro Thr Met Glu Ile Gln Ala
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gaagagcagg tcaagctgaa aatggacctg ttctacagga actcagctga cttggagcag 180
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Leu Leu Gln Asn Pro Lys Asp Ala Glu Glu Gln Val Lys Leu Lys Met
                                                45
        35
Asp Leu Phe Tyr Arg Asn Ser Ala Asp Leu Glu Gln Leu Tyr Gly Ser
                        55
Ala Ile Thr Leu Asn Gly Asp Gln Asp Pro Tyr Thr Val Phe Glu Tyr
                    70
Ile Glu Ser Gly Ile Ile Asn Pro Leu Pro Lys Lys Ile Pro
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85